IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Christian HARDY et al.

Serial No.: New Application

Filed: June 29, 2001

For: WEB FUNCTION BLOCK IN AUTOMATION EQUIPMENT

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, please enter the following specification changes as noted below:

IN THE CLAIMS:

Please amend claims 2 and 3, below:

2.   (Amended)   Communication system according to claim 1, characterised by the fact that it comprises at least one reception WEB function block (21) to implement a WEB server function in an application program (20).

3. (Amended) Communication system according to claim 1, characterised by the fact that it comprises at least one send WEB function block (22) to implement a WEB client function in an application program (20).

REMARKS

Claims 1-17 remain pending herein. Claims 2 and 3 have been amended hereby.

This Preliminary Amendment is submitted to eliminate multiply dependent claims from the above-identified application.

Examination of this application on its merits is respectfully requested.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

June 29, 2001
Date

Roger W. Parkhurst
Registration No. 25,177

Attachment:
 Mark Up of Amended Claims

RWP/ame
Attorney Docket No. SCHN:003
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CLAIMS

1. Communication system for automation equipment (10) acting on a TCP/IP network (50) in which the automation equipment (10) controls an automation application by executing an application program (20)
5   written in one or several languages according to standard IEC 1131-3, characterised by the fact that the communication system comprises:

    – exchange means for implementing a WEB server function or a WEB client function inside an application
10 program (20), these exchange means comprising at least one WEB function block (21, 22) that can interact with the application program (20),

    – an HTTP interface (15) in the automation equipment (10) capable of routing messages from the
15 TCP/IP network (50) to a WEB function block identified by a URL address, and routing messages from a WEB function block in the automation equipment (10) to a URL address on the TCP/IP network (50).

2. Communication system according to claim 1 ~~or 2~~,
20 characterised by the fact that it comprises at least one reception WEB function block (21) to implement a WEB server function in an application program (20).

3. Communication system according to claim 1 ~~or 2~~, characterised by the fact that it comprises at least
25 one send WEB function block (22) to implement a WEB client function in an application program (20).

4. Communication system according to claim 3, characterised by the fact that a WEB function block (21, 22) comprises a generic program code and
30 configuration data (219, 229) that are specific to each WEB function block.